4/30/01 mtg with RES
DOE
- Excelon

Excelon Plan

S. Afr
Partners
Proceed with construction 3 years
1 year of testing - end of 2005
incorporate testing & results
in US reactor
If tech. proves as "viable" "promising"
~~Proceed~~ Proceed next year CY 2002?
2 applications → next year
ESP COL - ??
1st. site → COL - up to 10 → allows incremental investment
2nd site → build to market.

Key decision BNFL, SAfrica → all Boards need DFS by end of year
Excelon → do we want to proceed with licensing application?

Legal/Financial Topics 2:45

- Excelon will provide white papers

Anti Trust - Legal
White Papers submitted in next 2 weeks
Detailed Anti-Trust Paper for merchant plants
in next weeks.
Excelon

Decomm Funding - normally "sinking funds" Propose alternatives
to provide reasonable assurance
- generically for merchant plants
King → NEI proposal? C/26

①

Final Qualifiers - Utilities are exempt
next merchant plant exemption

Need definition of "merchant plants"

Small Modular Passive Topics

Security Fixing - Brian Anderson → multiplies by # of reactors
- Penalizes small modular reactors
NRC OGC? Can this be done by regulatory means?
- need legislative history of Brian Anderson

Emergency Planning -

$3 million x 10 reactors
= $30 million

* Annual Fees → $3 million per reactor per year
Smaller modular reactors → would be an onerous fund
requirement"

King → will ~~Exec~~ Exec propose [illegible]
Rulemaking issue → don't pay until licensed.
Exec → Recognition of this issue
Need some sort of an assumption in June *

** - will be giving NRC a White Paper
- Need to have # in June - "any help NRC can give
us w.

Operator Staffing - regulations
New reactors → think there will be smaller staffing levels.

Uranium Fuel Cycle - environmental impacts, fuel cycle,
Fuel fabrication, ~~[illegible]~~ foreign fuel

# of License Needed - can one license cover multiple reactors on a single site?
How long is license for? - will submit a paper *

Excelon Summary

- Need a clear indication for staff
  - Need to know about potential rule making

Provide papers within 2 weeks

Send in writing

Need reaction in June

~~[illegible]~~ Will send in papers → react

Revise papers — June

Written papers?

*Need and trust views/exemptions by end of the year

10 issue papers?

Future Meeting Plans, Schedule

Pre-application NRC

DOE - HTGR technology

Schedule - Confirm reasonable approach to final/regulatory computer codes

* Establish an interface with NRC → Need more tangible products → white papers to digest

Excelon → wants to put out proposal → get comments "open meeting"

Issues in legal/final, Key Frameworks

NRC-RES King → my thoughts on things to cover in pre-application phase

King issues will go to ½ way into next year Jan 2001

King SECY paper to Comm last week

01-0070

Topical meeting → need to understand the "design" - codes
- thermohydraulic
- high temp design
-

Meeting fuel 6/1/01 → ASAP

NRC reviewed available literature

* Need ~~[illegible]~~ on legal/fuel ~~[illegible]~~ soon.
Common Guidance

Need info on framework by the end of this year - King - OK, 12/01

King - Excelon schedule is consistent with RES's 18 month schedule.

SECY paper is "flexible" on the details.

Consider giving ACRS an informational briefing.

ACRS workshop in ~~[illegible]~~ June.

King - Discussed with John Larkins

~~Sch.~~
Follow-up - meeting on fuel
-

① framework
② ~~[illegible]~~ fuel
③ legal fuel issues

- follow-up meetings

King - DOE interested for the generic site & input on advanced reactors
fuel → DOE could be done on the fuel
Excelon → here on PBMR →
DOE ~~[illegible]~~ on fuel

NRC/PEI

S. Rubin – what is the expectation?

prefer to provide a more detail

How much info will you provide?

Exelon – flexible – want S. Office info

Rubin → more "robust" better responses → less risk for Exelon

No SAR → key generic

Occ. info → Key not a problem